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Docket No.: TU-97-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

"SELF-ENCODING FIBER OPTIC SENSOR"

the specification of which (check one)

is attached hereto.

was filed on October 6, 1997 as United States Application Serial No. 08/944,850 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. §1.56(a).

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney or agent to prosecute this application and transact all business in the Patent and Trademark Office connected therewith; and, in addition, to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

R. Dennis Creehan
Reg. No. 39,950

SEND CORRESPONDENCE TO:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: David R. Walt

Inventor's signature: David R. Walt Date: 3/20/98

Residence: Lexington, Massachusetts

Citizenship: U.S.A.

Post Office Address: 4 Candlewick Close
Lexington, MA 02178

Full name of second inventor: Todd A. Dickinson

Inventor's signature: Todd A. Dickinson Date: 3/20/98

Residence: Medford, MA 02155

Citizenship: U.S.A.

Post Office Address: 2 Franklin Street
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PTO/SB/11 (10-96)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(d))—NONPROFIT ORGANIZATIONDocket Number (Optional)
TU-97-01Applicant or Patentee: David R. Walt and Todd A. DickinsonApplication or Patent No.: 08/944,850Filed or Issued: 10/06/97Title: SELF-ENCODING FIBER OPTIC SENSOR

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF NONPROFIT ORGANIZATION Trustees of Tuft College
ADDRESS OF NONPROFIT ORGANIZATION Ballou Hall, Medford, Massachusetts 02155

TYPE OF NONPROFIT ORGANIZATION:

 UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3)) NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA
(NAME OF STATE _____)
(CITATION OF STATUTE _____) WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3))
IF LOCATED IN THE UNITED STATES OF AMERICA WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED
STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA
(NAME OF STATE _____)
(CITATION OF STATUTE _____)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees to the United States Patent and Trademark Office regarding the invention described in:

- the specification filed herewith with title as listed above.
- the application identified above.
- the patent identified above.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization regarding the above identified invention. If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights in the invention must file separate verified statements averring to their status as small entities and that no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

- no such person, concern, or organization exists.
- each such person, concern, or organization is listed below.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Philip G. Salem

NAME OF PERSON SIGNING _____

Senior Director of University Development

TITLE IN ORGANIZATION OF PERSON SIGNING _____

ADDRESS OF PERSON SIGNING _____ Tufts University, Packard Hall, Medford, MA 02155

SIGNATURE Philip G. Salem DATE 3/9/98